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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Buchwald, S. L. et al.

Examiner: Sackey, Ebenezer O.

Application No: 10/004,101

Art Unit: 1626

Filed: October 23, 2001

Confirmation No.: 3983

For: *Ligands For Metals and Improved  
Metal-Catalyzed Processes Based  
Thereon*

Attorney Docket No.: MTV-014.03

CERTIFICATE OF FIRST CLASS MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on November 12, 2004.

Shirine Darvish

Commissioner for Patents  
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**SUPPLEMENTAL INFORMATION DISCLOSURE**  
**STATEMENT UNDER 37 CFR §1.97(c)(1)**

Sir:

Submitted herewith on Form PTO-1449 is a listing of documents known to Applicants and/or their attorney in compliance with the requirements of 37 C.F.R. §§ 1.56 and 1.97. Copies of the documents are also submitted.

Applicants respectfully request that the Examiner consider the listed documents and indicate that each was considered by making appropriate notations on the attached Form 1449.

This submission does not represent that a search has been made or that no better art exists. See 37 C.F.R. § 1.97(g). Nor does it constitute an admission that the listed documents are material or constitute "prior art." See 37 C.F.R. § 1.97(h). If the Examiner applies the cited documents as prior art against any claim in this application or related application and Applicants determine that the listed documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of said document.

Applicants further reserve the right to take appropriate action to establish the patentability of claims over the listed documents, should the cited documents be applied against the claims of the present application or related applications.

This Information Disclosure Statement is being filed within three months of the mailing date of the International Search Report wherein each item of information contained in the Information Disclosure Statement was first cited; therefore, no fee is believed to be due in connection with the filing of this statement. 37 C.F.R. §1.97(c),(e). However, the Commissioner is authorized to credit any overpayment or charge any deficiencies to/from our Deposit Account, **No. 06-1448, reference MTV-014.03.**

Respectfully submitted,

FOLEY HOAG LLP

Date: November 12, 2004

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Form PTO-1449 <b>OTPE</b> <b>INFORMATION DISCLOSURE CITATION</b> <b>IN AN APPLICATION</b> (Use several sheets if necessary) <b>NOV 15 2004</b> EXAMINER PATENT & TRADEMARK OFFICE	SUPPLEMENTAL INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Docket Number (Optional) MTV-014.03	Application Number 10/004,101
			Applicant Buchwald, S.L.	
			Filing Date October 23, 2001	Group Art Unit 1626

### U.S. PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AB	5,663,426	09/02/97	Albanese et al.	562	35	10/02/95

### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

### OTHER DOCUMENTS

*(Including Author, Title, Date, Pertinent Pages Etc.)*

AC	Database CAPLUS on STN Chemical Abstracts (Columbus, Ohio USA) Fabbri et al., CA:121:108962 "Binaphthyl-substituted chiral phosphines and oxides from binaphthophospholes and nucleophiles" abs of Synthetic Comm., 1994, Vol. 24, No. 9, pages 1271-1278
AD	Database CAPLUS on STN Chemical Abstract (Columbus, Ohio USA), Old et al., CA 133:43406 "Efficient Palladium-Catalyzed N-Arylation of Indoles" abs of Organic Letters. 200, Vol. 2, No. 10, pages 1403-1406
AE	Database CAPLUS on STN Chemical Abstracts (Columbus, Ohio USA) Tomori et al. CA:133:266921 "An Improved Synthesis of Functionalized Biphenyl-Based Phosphine Ligands" abs of Journal of Organic Chemistry. 2000, Vol. 65, No. 17, pages 5334-5341
AF	Database CAPLUS on STN Chemical Abstracts (Columbus, Ohio USA), Van Der Winkel et al., CA:114:229033 "Investigations of highly crowded phosphino lambda 3, lambda 5-diphosphaphenanthrene" abs of Heteroatom Chemistry. 1991, Vol. 2, No. 1, pages 17-28
AG	Database CAPLUS on STN Chemical Abstracts (Columbus, Ohio USA), Huang et al., CA:139:117168 "Expanding Pd-Catalyzed Bond Forming Processes: The First Amidation of Aryl Sulfonates, Aqueous Amination and Complementary with Cu-Catalyzed Reactions, abs of J. Amer. Chem. Soc. 2003, Vol. 125, No. 22, pages 6653-6655
AH	International Search Report, PCT/US03/38945 mailed on October 12, 2004

		DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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